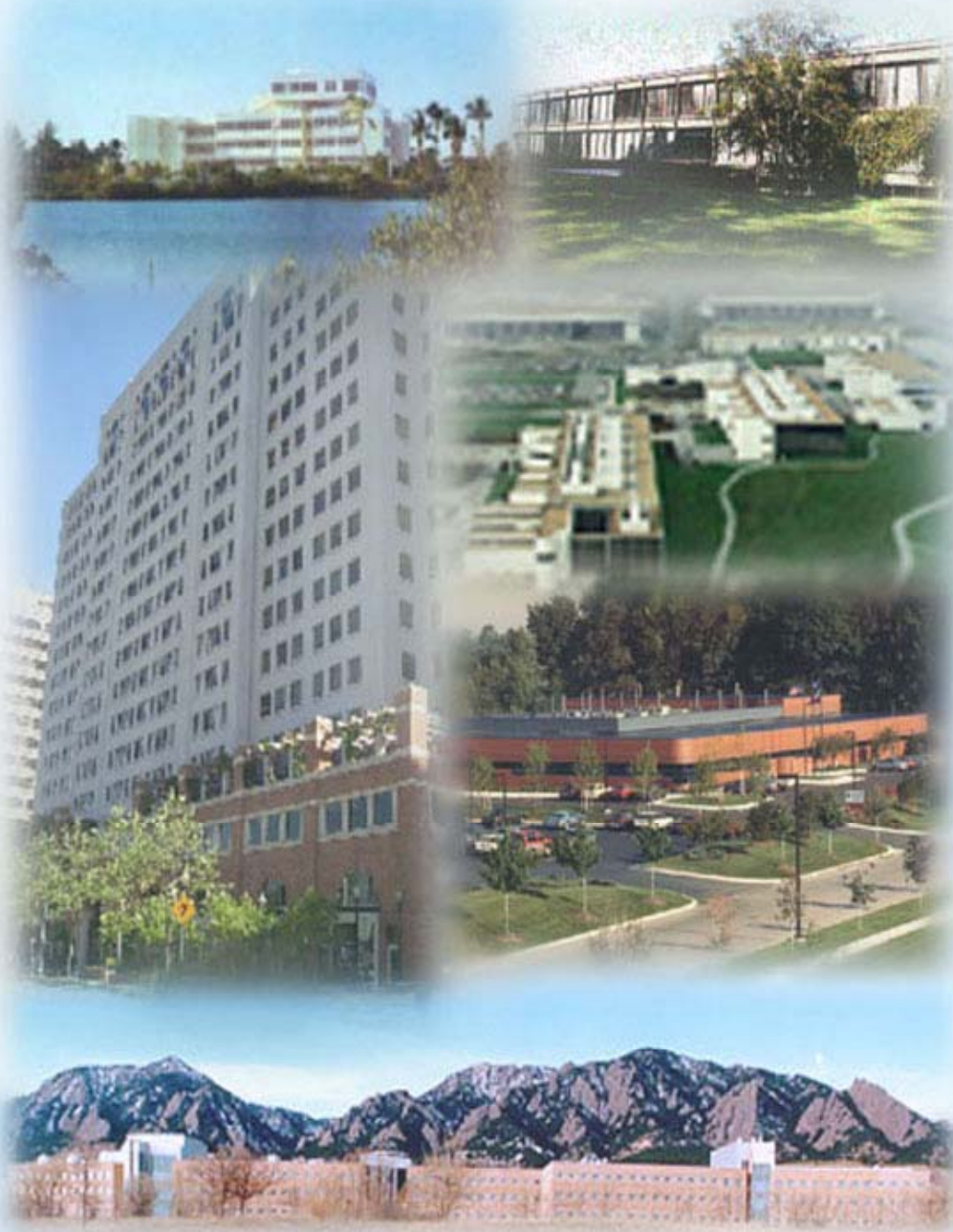


NOAA Research Facilities



noaa
research

NOAA Research FACILITIES

(As of September 2003)

Lists NOAA Research occupied buildings, and observation platforms.

OAR HEADQUARTERS / Programs and Staffs

- **NOAA's Sea Grant College Program**
- **NOAA's Under Sea Research Program**
- **Office of Ocean Exploration**
- **Office of Climate Observation and Services**
- **Arctic Research**

Building	Location	Condition of facilities
Silver Spring Metro Center 3 (SSMC3)	1315 East-West Highway Silver Spring, MD 20910	Good

Office of Global Programs

Building	Location	Condition of facilities
1100 Wayne Ave Suite 1225	Silver Spring, MD 20910	Good

Aeronomy Laboratory

Building	Location	Condition of facilities
David Skaggs Research Center (Block A (of A, B, C, D): all of first and second floors, half of third floor, and one third of basement. (Rented from GSA.))	Boulder, Colorado	Excellent
Modular storage building next to NIST Building 24 (owned by Aeronomy Laboratory)	Boulder, Colorado	Good
Fritz Peak Observatory (owned by Aeronomy Laboratory)	Rollinsville, Colorado	Fair. Occasional and limited use.
Fritz Peak Cottage (owned by Aeronomy Laboratory)	Rollinsville, Colorado	Fair. Occasional and limited use.

Air Resources Laboratory

Building	Location	Condition of facilities
ARL Headquarters, Silver Spring Metro Center 3	1315 East-West Highway Silver Spring, MD	Good
David Skaggs Research Center	325 Broadway Boulder, CO	Excellent
ATDD Main Bldg	456 S. Illinois Ave. Oak Ridge, TN	Good/Excellent
ATDD Storage Shipping & Receiving Bldg	456 S. Illinois Ave. Oak Ridge, TN	Fair
ATDD Wind Tunnel Facility	456 Illinois Ave. Oak Ridge, TN	Good
ATDD Meteorological Computer Lab	456 Illinois Ave. Oak Ridge, TN	Fair/Poor. This is a 30-year old, triple-wide trailer, that regularly gets rodents and other urban animals living under and in it. There is currently a problem with mold, due to a leaky roof. There is insufficient space, both office and storage, and this will need to be replaced within the next 5 years.
Atmospheric Sciences Modeling Division	U.S. EPA Environmental Research Center Research Triangle Park, NC	Excellent. This space is owned & provided by EPA.
Field Research Division	1750 & 1754 Foote Drive Idaho Falls, ID	Good
GRID III, on the Dept. Of Energy INEEL Facility	Scoville, ID	Good
Desert Rock Meteorological Obs.	Mercury, NV	Fair
Building 703	Mercury, NV	Fair
06-CP-170	Yucca Flat, NV	Fair
Special Operations & Research Division	Las Vegas, NV	Excellent. Reside in DOE/NNSA owned facilities, in Las Vegas, and at the Nevada Test Site, which is 65 miles away from Las Vegas.

Atlantic Oceanographic and Meteorological Laboratory

Building	Location	Condition of facilities
Lab Bldg	4301 Rickenbacker Causeway, Miami, FL	Good
Storage Bldg	4301 Rickenbacker Causeway, Miami, FL	Good

Facilities Issues that need to be Addressed

The first two items are being addressed in the FMRS process.

Implementation of Electrical Redistribution throughout the Laboratory (we are funded in FY2003 for a comprehensive assessment of required electrical changes; this would be the subsequent implementation) - estimated \$320,000.

Evaluate and Upgrade Fire Control System (hope to accomplish the requirements as part of the electrical study; this would be the subsequent implementation) - estimated \$180,000.

Structural Study / Repairs of Concrete Decks & Supports - \$58,543

LONG TERM FUTURE: Modernization Requests as Part of Miami NOAA Campus Revitalization Effort if that ever Comes to Fruition

- Replacement of Building Roof
- Replacement of Windows
- Removal/Replacement of Drop Ceilings
- Replacement of Air Ducts
- Modernization of Air Handling System
- Boiler System for Heating the Building
- Replacement of AOML Elevators
- Installation of a Modernized Computer Facility w/Security Measures
- Space inside Joint (AOML, SEFSC & RSMAS) Staging Facility & Laboratories
 - Both AC and non-AC, Laboratory, Office, & Storage Space
- Access to Campus Conference Center
 - 150 person capacity with breakout rooms, catering area, and reception area

Climate Diagnostics Center

Building	Location	Condition of facilities
David Skaggs Research Center	325 Broadway Boulder, CO	Excellent

Climate Monitoring and Diagnostics Laboratory

Building	Location	Condition of facilities
David Skaggs Research Center	325 Broadway Boulder, CO	Excellent
Barrow Observatory Bldg	Barrow, AK	Good
Dobson Shelter	Barrow, AK	Good
Samoa Observatory Geophysical Station	Cape Matatula Pago Pago, American Samoa	Good
Remote Sampling Bldg	Cape Matatula Pago Pago, American Samoa	Good
Mauna Loa Observatory Office	Kaohe 5 Hamakua Mauna Loa, HI	Good
Modular Bldg		Excellent
Federal Bldg	154 Waianuenue Hilo, HI	Good

Environmental Technology Laboratory

Building	Location	Condition of facilities
David Skaggs Research Center	325 Broadway Boulder, CO	Excellent
Lab Bldg	Platteville, CO	Very poor
Boulder Atmospheric Observatory (BAO) Tower	Erie, CO	Fair
BAO Lab Bldg	Erie, CO	Fair
BAO Main Bldg	Erie, CO	Poor
BAO Visitor Bldg	Erie, CO	Poor
Optics Bldg e-12-b Table Mt.	Boulder, CO	Good
T-2 Bldg Table Mt.	Boulder, CO	Poor

Forecast Systems Laboratory

Building	Location	Condition of facilities
David Skaggs Research Center	325 Broadway Boulder, CO	Excellent
Profiler Warehouse space	5460 Conestoga Court Boulder, CO	Excellent

Geophysical Fluid Dynamics Laboratory

Building	Location	Condition of facilities
GFDL Main Bldg. 18 - Forrestal Campus	Princeton University Princeton, NJ	Good
Computer Addition, Bldg 18a Forrestal Campus	Princeton University Princeton, NJ	Good

Great Lakes Environmental Research Laboratory

Building	Location	Condition of facilities
Main Lab Bldg	2205 Commonwealth Blvd. Ann Arbor, MI	Good. The lease is up in February, 2007, and we have presently completed a Feasibility Study to address what we need to do. The study has alternatives of moving to a leased space, building a new building, or a combination of Federal and/or State housing. We are still exploring all possibilities.
Stop and Lock	1645 Plymouth Road Ann Arbor, MI	Good
Field Station Bldg/garage	1431 Beach Street Muskegon, MI	Good
US Govt. Mooring Basin	1431 Beach Street Muskegon, MI	Good

National Severe Storms Laboratory

Building	Location	Condition of facilities
Main Bldg. 600	1313 Halley Circle Norman, OK	Good
Warehouse Bldg. 800	1235 Westheimer Drive Norman, OK	Good
NOF Bldg 366	1424 Halley Avenue Norman, OK	Good
WSR88D Modular Bldg	1313 Halley Circle Norman, OK	Good
West Trailers TB1 and TB2	1313 Halley Circle Norman, OK	Good

NOTE - February 2006 will mark the completion of the National Weather Center, a 244,000 square foot building and one of the largest research centers in the world. The one-of-a-kind weather center will bring research and operations under one roof in support of NOAA's strategic goal of improving short-range forecasts and warnings. In addition, consolidation will leverage personnel and facilities resources, create synergy, and shorten the time for bringing research advancements into operations. The building will be the premier facility for severe storm research, prediction, forecasting and warning in the world.

The NOAA organizations to be located in the building are the OAR=s National Severe Storms Laboratory and four National Weather Service organizations: the Storm Prediction Center, the Norman Weather Forecast Office, the Warning Decision Training Branch and the Radar Operations Center's Application Branch. A total of approximately 263 NOAA staff will occupy 124,000 square feet of the building.

The unique world-class weather center provides an opportunity to strengthen and extend the existing partnership between NOAA and the University of Oklahoma. The new building will increase collaboration and communication for the weather forecasters and researchers engaged in complimentary efforts toward better forecasts and warnings of severe and hazardous weather. The new building solves urgent facilities problems and provides an opportunity bring NOAA's staff into improved facilities.

Pacific Marine Environmental Laboratory

Building	Location	Condition of facilities
Sand Point Campus, Research 1, Bldg. #3	7600 Sand Point Way NE Seattle, WA	See note below.
Sand Point Campus, Warehouse, Bldg. 8	7600 Sand Point Way NE Seattle, WA	Good
Sand Point Campus, Hanger 32	7600 Sand Point Way Seattle, WA	Poor
Northwest Fisheries Science Center	2115 S. E. OSU Drive Newport, OR	Good. About 20 staff are housed in this facility, which is owned by the State of Oregon.

Note: Building 3, like most of the rest of the Sand Point campus, is 20+ years old. As with any 20-year old building, major repairs are necessary, primarily replacing the roof and inefficient and aging HVAC units. Also, the electrical system was not designed for the proliferation of desktop computers and printers that we have experienced and that is causing problems. There is no building-wide intercom system (safety concern) and the fire alarm panel is outdated (also a safety concern).

PMEL is running out of room here and our options are getting very limited as to the present space. WASC gave us 800 sq.ft. of their warehouse that we are converting into an instrument shop to support NOAA's commitment to Argo. With creative engineering, PMEL can get about three more small offices out of our existing space. Beyond that, and PMEL has already had discussions with WASC about this, modular buildings on campus to overflow into are the next best option should expansion continue.

Most of these problems detailed above (except the space issue) could be corrected if NOAA elects to maintain this facility (which to date it has not done adequately), and it is certainly possible to make this a "good" facility again. Building 3 is a reasonably modern structure that accommodates our needs (but, again, growth is a problem). But in its present state, I think "Fair" is a fair characterization.

Space Environment Center

Building	Location	Condition of facilities
David Skaggs Research Center	325 Broadway Boulder, CO	Excellent
Hands Arpa 1-10-c Bldg, Table Mt.	Boulder, CO	Fair
Main Bldg, #2953	Anchorage, AK	Poor
Magnetometer Bldg, #2954	Anchorage, AK	Poor
Storage Bldg, #2955	Anchorage, AK	Poor